

IFW/16K



Law Office of Michael A. Sanzo, LLC

Practice Limited to Patent Law

January 9, 2007

Commissioner of Patents
U.S. Patent and Trademark Office
Customer Service Window, MS Amendment
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Re: Information Disclosure Statement
Appl. No.: 10/591,340
Filed: August 6, 2006
Title: **Process for Preparing N-Protected
4-Ketoproline Derivatives**
Inventor(s): ROSSEN, et al.
Atty. Dkt.: 7601/88254

Dear Sir:

The following documents are being forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Information Disclosure Statement;
2. PTO/SB/08a (list of references);
3. References C1-C10; and
4. Return Postcard.

Applicants do not believe that any fee is due for the filing of the above documents. However, the Director is hereby authorized to charge any fee deficiency for this filing to our Deposit Account No. 50-4056 under Order No. 7601/88254.

It is respectfully requested that the enclosed postcard be stamped with the date the enclosed documents are received by the PTO and that it be returned as soon as possible.

Very truly yours,

LAW OFFICE OF MICHAEL A. SANZO, LLC

Michael A. Sanzo

Michael A. Sanzo
Reg. No. 36,912
Attorney for Applicant

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Kai ROSSEN

Appl. No.: 10/591,340

Filed: August 31, 2006

For: **PROCESS FOR PREPARING
N-PROTECTED 4-KETOPROLINE
DERIVATIVES**



Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

Atty. Dkt.: 7601/88254

Information Disclosure Statement

MAIL STOP - AMENDMENT

Commissioner of Patents
U.S. Patent and Trademark Office
P.O. Box 1450
Arlington, Virginia 22131-1450

Sir:

Submitted herewith is a listing of documents known to Applicants and/or their attorney in compliance with the requirements of 37 C.F.R. § 1.56. Some of these references were cited in the Search Report for corresponding international application no. PCT/US2005/001750 mailed June 27, 2005. Copies of the listed documents (with the exception of the US patent references) are also enclosed. In cases where the month of a publication is not provided, Applicants would like to point out that the year of publication is sufficiently earlier than the effective U.S. filing date and any foreign priority date that the particular month of publication is not in issue.

Applicant does not waive any rights to appropriate action to establish patentability over any of the listed documents should they be applied as references against the claims of the present application. This statement should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made.

Consideration of the cited documents and making the same of record in the prosecution of the above-captioned application are respectfully requested.

Applicants do not believe any fee is due for the submission of this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee deficiency to our Deposit Account No. 50-4056 under Order No. 7601/88254.

Respectfully submitted,

LAW OFFICE OF MICHAEL A. SANZO



By: _____

Michael A. Sanzo
Registration No. 36,912
Attorney for Applicants

Date: February 9, 2007
15400 Calhoun Drive Suite 125
Rockville, MD 20855
(240) 683-6165

PTO/SB/08a Substitute for Form 1449A/PTO						Application Number		10/591,340				
						Filing Date		August 31, 2006				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>						First Named Inventor		Kai, ROSSEN				
						Art Unit		Not Yet Assigned				
						Examiner Name		Not Yet Assigned				
Sheet		1		of		2		Attorney Docket		7601/88254		
U.S. PATENT DOCUMENTS												
Exam- iner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear						
		Number-Kind Code ²										
	A1	US-4,296,113		10-20-1981	Ondetti							
	A2	US-4,470,972		09-11-1984	Gold et al.							
	A3	US-5,631,385		05-20-1997	Drauz et al.							
	A4	US-6,103,910		08-15-2000	Hertel et al.							
FOREIGN PATENT DOCUMENTS												
Exam- iner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear						T
		Country Code ³ -Number ⁴ -Kind Code ⁵										
Examiner Signature				Date Considered								

PTO/SB/08b Substitute for Form 1449B/PTO				Application Number	10/591,340
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Filing Date	August 31, 2006
				First Named Inventor	Kai, ROSSEN
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket	7610/88254
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	C1	International Search Report Dated June 15, 2005			
	C2	BALDWIN, et al., "Towards a Versatile Synthesis of Kainoids I: Introduction of the C-3 and C-4 Substituents," <i>Tetrahedron</i> , Vol. 53, No. 14:5233-5254 (1997)			
	C3	CARLSEN, et al., "A Greatly Improved Procedure for Ruthenium Tetraoxide Catalyzed Oxidations of Organic Compounds," <i>J. Org. Chem.</i> 46:3936-3938 (1981)			
	C4	CRAWFORD, "A Practical Synthesis of 7,7,8,8-Tetracyanoquinodimethane," <i>J. Org. Chem.</i> 48:1366-1368 (1983)			
	C5	KANAME, et al., "First Synthesis of Lycoperdic Acid," <i>Tetrahedron Letters</i> , Vol. 33, No. 52:8103-8104 (1992)			
	C6	NARUKAWA, et al., "General and Efficient Synthesis of 2-Alkylcarbapenems: Synthesis of Dethiacarba Analogs of Clinically Useful Carbapenems via Palladium-Catalyzed Cross-Coupling Reaction," <i>Tetrahedron</i> , Vol. 53, No. 2:539-556 (1997)			
	C7	PATCHETT, et al., "Studies on Hydroxyproline," <i>J. Amer. Chem. Soc.</i> 79:185-192 (1957)			
	C8	QIU, et al., "Practical Synthesis of Boc-Protected <i>cis</i> -4-Trifluoromethyl and <i>cis</i> -4-Difluoromethyl-L-prolines," <i>J. Org. Chem.</i> 67:7162-7164 (2002)			
	C9	SAIN, et al., "A Facile Synthesis of 4-Arylidene-2-Oxazolin-5-Ones by Using <i>N,N</i> -Dimethylchlorosulphite Methaniminium Chloride as a Cyclodehydrating Agent," <i>Chemistry and Industry</i> 15:499 (Aug. 1990)			
	C10	TAMAKI, ET AL., "Synthesis of 4- <i>cis</i> -Phenyl-L-proline via Hydrogenolysis," <i>J. Org. Chem.</i> 66:3593-3596 (2001)			